

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1943	(copper OR "cu") WITH (precursor OR source ) AND (MOCVD OR ALD OR atom\$2 near2 layer near2 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 04:39
L2	874	1 and (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 04:39
L3	207	(copper OR "cu") WITH (precursor OR source ) WITH organic AND (MOCVD OR ALD OR atom\$2 near2 layer near2 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 04:39
L4	119	3 and (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 04:39
L5	729	(purge OR evacuat\$4) AND (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas AND (copper OR "cu") WITH (film OR layer OR deposit\$6) AND (ald OR atom\$2 near4 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 05:16
L6	331	(purge OR evacuat\$4) WITH step AND (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas AND (copper OR "cu") WITH (film OR layer OR deposit\$6) AND (ald OR atom\$2 near4 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 05:17

L7	0	second adj5 (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas WITH (shorter) AND (copper OR "cu") WITH (film OR layer OR deposit\$6) AND (ald OR atom\$2 near4 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 05:38
L8	4	second adj5 (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas WITH (shorter OR decreas\$4) AND (copper OR "cu") WITH (film OR layer OR deposit\$6) AND (ald OR atom\$2 near4 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 05:39
L9	25	(reducing OR reductive OR reduction OR "H. sub.2" OR hydrogen) near6 gas WITH (shorter OR decreas \$4) WITH (time OR period) AND (copper OR "cu") WITH (film OR layer OR deposit \$6) AND (ald OR atom \$2 near4 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 05:39
L10	93	copper trifluoroacetate OR (Cu near TFAA) AND (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas AND (MOCVD OR ALD OR atom\$2 near2 layer near2 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 06:09
L11	92	copper trifluoroacetate OR (Cu near TFAA) WITH precursor AND (MOCVD OR ALD OR atom\$2 near2 layer near2 deposition)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 06:12

L12	92	copper trifluoroacetate OR (Cu near TFAA) WITH precursor AND (("cu" OR copper) near5 (film OR layer OR coat\$4)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 06:14
S1	5	("20040009665"   "3198167"   "4321073"   "6716744").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/12 00:43
S4	160	(copper OR "cu") WITH carboxyl\$6 WITH (precursor OR source) AND (chemical vapor OR CVD)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/12 00:49
S5	1	10/591476.app.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/12 00:50
S6	127	S4 and (reducing OR reductive OR reduction OR "H.sub.2" OR hydrogen) near6 gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/12 00:51
S7	22	copper trifluoroacetate AND (reduc\$6) near6 (gas OR atmosphere OR environment)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 02:31

### EAST Search History (Interference)

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**10/13/2009 6:20:48 AM**

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\ Kojima\_10591476\_copper\_carboxylic\_acid\_film\_reduction.wsp**